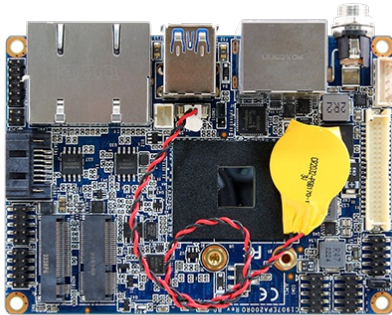




EPX-APLP

Intel® Celeron® & Pentium® Processor Pico ITX Motherboard



- > Intel® Celeron® N3350/ J3455 Processor (2M Cache, up to 2.40/2.30 GHz)
- > 1 x 204-pin DDR3L 1600MHz SO-DIMM supports up to 8GB
- > DP++, HDMI, Dual channel 18/24-bits LVDS
- > 2 x Intel® i226LM 2.5 Gigabit Ethernet
- > Realtek ALC888S HD Audio Decoding Controller
- > Realtek ALC105 Stereo Class-D 2W 4Ω x 2
- > 1 x M.2 (2242/2260/3042) B-Key, 1 x M.2 (2230) E-Key support Wifi module
- > 1 x SATA III, 1 x SATA Power, 4 x USB 2.0, 2 x USB 3.0
- > 1 x RS232, 8-bit GPIO
- > DC in +12V

+ Spec

-System Information-	
Processor	Intel® Celeron® N3350/J3455 (2M Cache, up to 2.40/2.30 GHz)
System Memory	1 x 204-pin DDR3L 1600MHz SO-DIMM supports up to 8GB
I/O Chipset	EC iTE IT8528
BIOS Information	AMI 128Mbit SPI BIOS
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Expansion	
Expansion	1 x M.2 (2242/2260/3042) B-Key, 1 x M.2 (2230) E-Key, supports Wifi module, (*Micro SIM card to SIM card adapter by optional)
I/O	
USB Port	4 x USB 2.0 2 x USB 3.0
COM Port	1 x RS232
SATA	1 x SATA Power 1 x SATA III
DIO	1 x 8-bit GPIO
Display	
Graphic Chipset	Intel® Atom™/ Celeron® SoC integrated Graphics
Spec. & Resolution	DP++: 4096 x 2160 @ 60Hz HDMI: 3840 x 2160 @ 30Hz, 2560 x 1600 @ 30Hz LVDS: 1920 x 1080 @ 60Hz
LVDS	2CH 18/24bits LVDS 1920 x 1080 Chrontel. CH7511B eDP to LVDS Converter
Audio	
Audio Codec	Realtek ALC888S HD Audio Codec
Audio Amplifier	Realtek ALC105 Stereo Class-D 2W 4Ω x 2
Ethernet	
LAN Chipset	2 x Intel® I226LM 2.5 Gigabit Ethernet
Ethernet Interface	10/100/1000/2500 Base-Tx GbE compatible Gigabit Ethernet
LAN Port	2 x RJ45
Mechanical & Environmental	
Operating Temperature	0 ~ 60°C (32 ~ 140°F)
Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Weight	0.66lbs (0.3Kgs)
Power Requirement	+12V
Power Mode	AT/ATX
Dimension (L x W)	3.94" x 2.83" (100mm x 72mm)
Ordering Information	
Ordering Information	EPX-APLP-3455-B1R EPX-APLP-3350-B1R Intel® Celeron® J3455/N3350 Processor Pico ITX Motherboard